

The role of Social Media in Science

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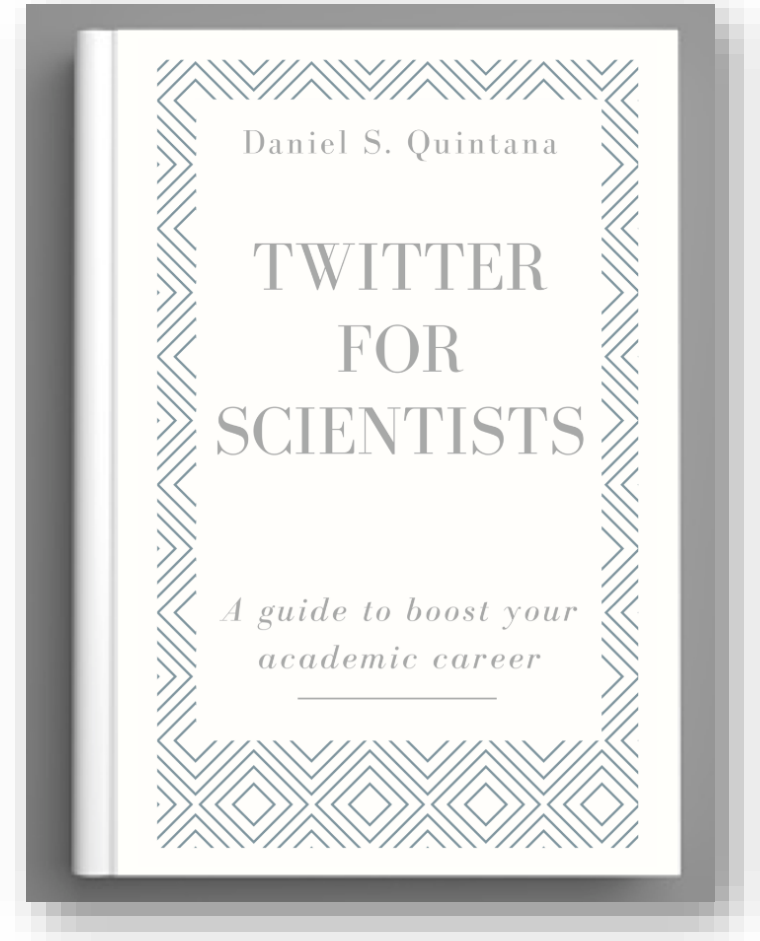
October 26, 2023

Social media?

There are four ways to get your research known, but only one of these is an option for every early career researcher:

1. Already be famous
2. Have a famous mentor
3. Repeatedly win the peer-review lottery
4. Actively contribute to social media

— Dan Quintana (@dsquintana) March 12, 2019



Visual worlds and online gaming

Fortnite

Social networking sites



Media Sharing networks



Blogs and blogging Platforms

WordPress

Content-sharing communities

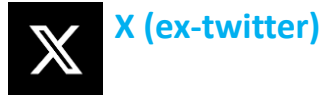
Pinterest

What is a social media?

“Online platforms and websites that allow users to **create, share, and exchange content and information** with a wide audience”

[Oxford Languages](#)

Microblogging services



Professional and Career-oriented Networks

[Linkedin](#), [Google Scholar](#), and [Reseachgate](#)

Review and rating sites

[Tripadvisor](#)

Video sharing sites

[Youtube](#), [TikTok](#) 

Messaging apps

[Whatsapp](#), [Messenger](#) 

Discussion forums and message boards

[Reddit](#)

OCT
2023

OVERVIEW OF SOCIAL MEDIA USE

HEADLINES FOR SOCIAL MEDIA ADOPTION AND USE (NOTE: USER IDENTITIES MAY NOT REPRESENT UNIQUE INDIVIDUALS)

GLOBAL OVERVIEW

NUMBER OF SOCIAL
MEDIA USER IDENTITIES



4.95
BILLION

QUARTER-ON-QUARTER CHANGE
IN SOCIAL MEDIA USER IDENTITIES



+1.6%
+76 MILLION

YEAR-ON-YEAR CHANGE IN
SOCIAL MEDIA USER IDENTITIES



+4.5%
+215 MILLION

AVERAGE DAILY TIME SPENT
USING SOCIAL MEDIA



2H 24M
YOY: -2.5% (-4 MINS)

AVERAGE NUMBER OF SOCIAL
PLATFORMS USED EACH MONTH



6.7
YOY: -6.9% (-0.5)

SOCIAL MEDIA
USER IDENTITIES vs.
TOTAL POPULATION



61.4%

SOCIAL MEDIA USER
IDENTITIES AGED 18+ vs.
POPULATION AGED 18+



80.8%

SOCIAL MEDIA USER
IDENTITIES vs. INDIVIDUALS
USING THE INTERNET



93.5%

FEMALE SOCIAL MEDIA USER
IDENTITIES vs. TOTAL SOCIAL
MEDIA USER IDENTITIES



46.4%

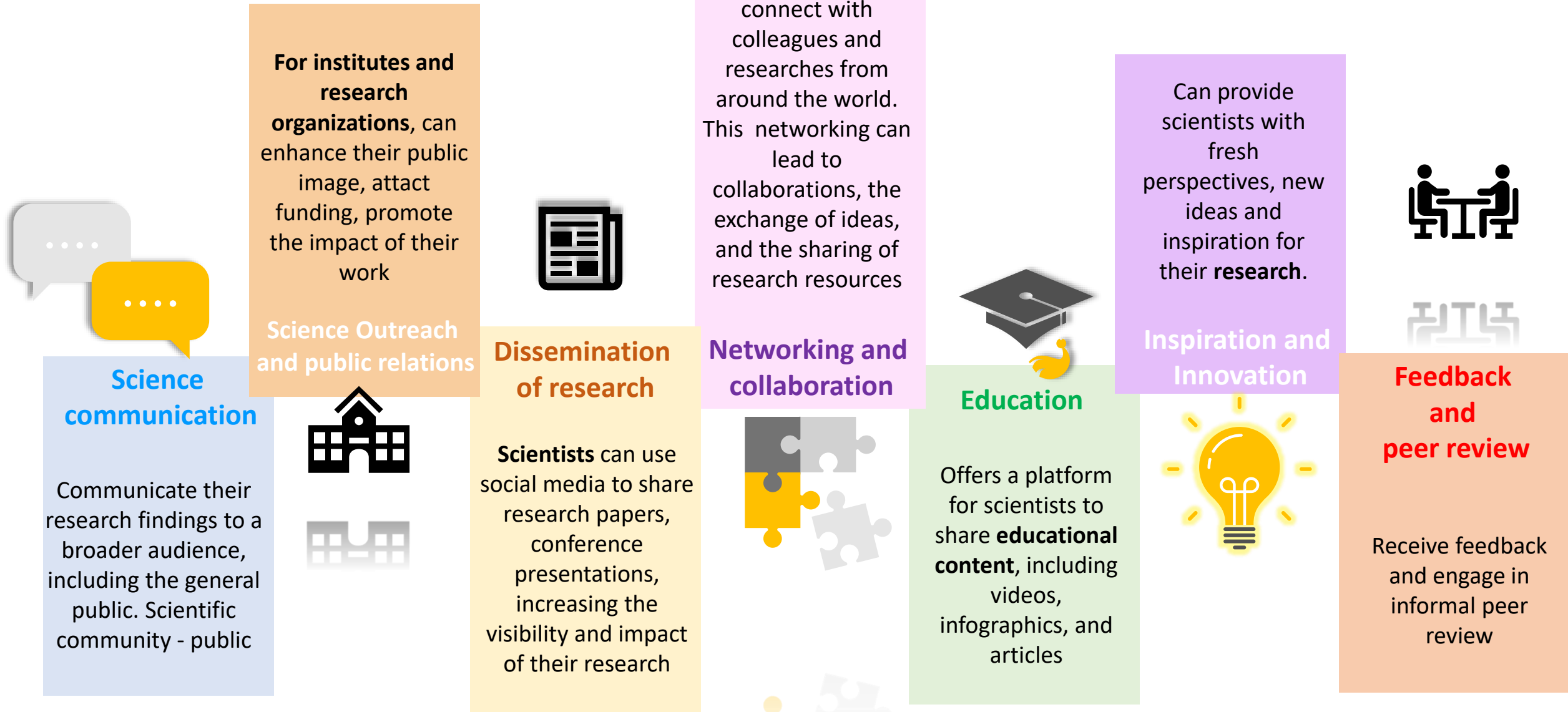
MALE SOCIAL MEDIA USER
IDENTITIES vs. TOTAL SOCIAL
MEDIA USER IDENTITIES



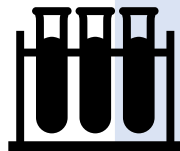
53.6%

SOURCES: KEPIOS ANALYSIS; COMPANY ADVERTISING RESOURCES; CNNIC; BETA RESEARCH CENTER; OCDH; U.N.; GWI (Q2 2023). **NOTE:** AVERAGE NUMBER OF PLATFORMS INCLUDES DATA FOR YOUTUBE. **ADVISORY:** SOCIAL MEDIA USER IDENTITIES MAY NOT REPRESENT UNIQUE INDIVIDUALS. COMPARISONS WITH POPULATION AND INTERNET USERS MAY EXCEED 100% DUE TO DUPLICATE AND FAKE ACCOUNTS, AGE MISSTATEMENTS, DIFFERENT REPORTING PERIODS, AND DIFFERENCES BETWEEN CENSUS COUNTS AND RESIDENT POPULATIONS. SEE [NOTES ON DATA](#) FOR FURTHER DETAILS. **COMPARABILITY:** SIGNIFICANT REVISIONS TO SOURCE DATA MEAN THAT FIGURES SHOWN HERE ARE **NOT COMPARABLE** WITH PREVIOUS REPORTS.

Why use Social Media in Science?



An example of successful use...



What is #LatinXChem?

@LatinXChem is a virtual forum through which the community of Latin American chemists located anywhere in the world can share and discuss their research results and advances.



Advantages

You can participate whether you work at home or in the laboratory.

Being a virtual event, you do not need to travel, the costs decrease substantially, without demerit to the quality of the work or to the scientific discussion they will generate. Additionally, its environmental footprint is lower: it does not pollute

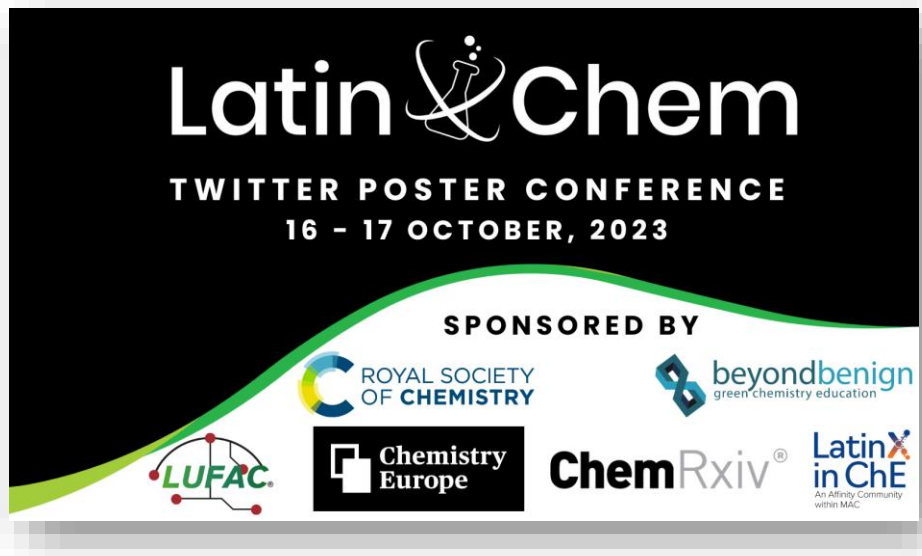


Follow-up Steps

- **Posters** can be presented in Spanish, Portuguese, or English.
- Tweet your poster. Include the title, abstract, your category hashtag and the main event hashtag (#LatinXChem23)
- **Discuss and share your work on any social media.** Make sure to respond to questions from the community and juries.
- Choose any dimension or format for your poster: the important point is that the text and figures are legible.

More than **1200 posters from 43 countries were received in its first version, with 20 million impacts on Twitter**

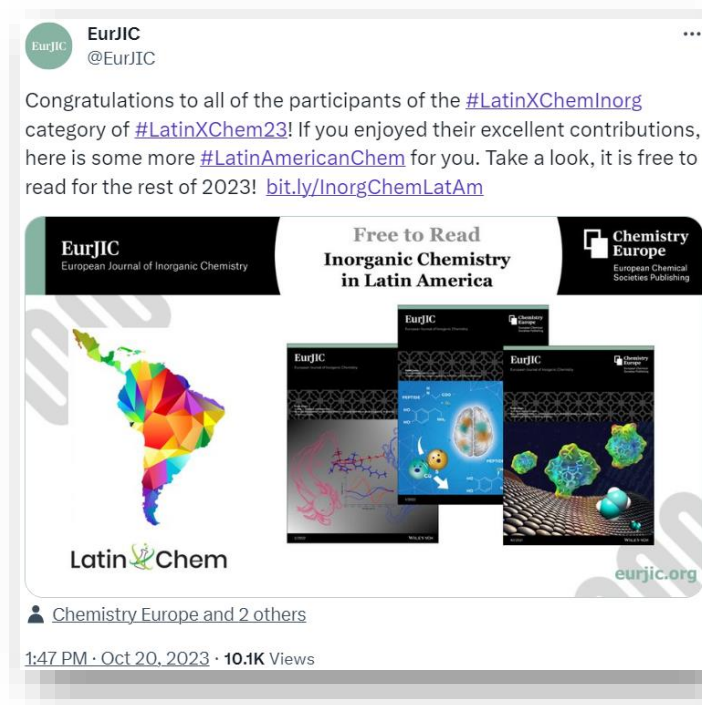
An example of successful use...



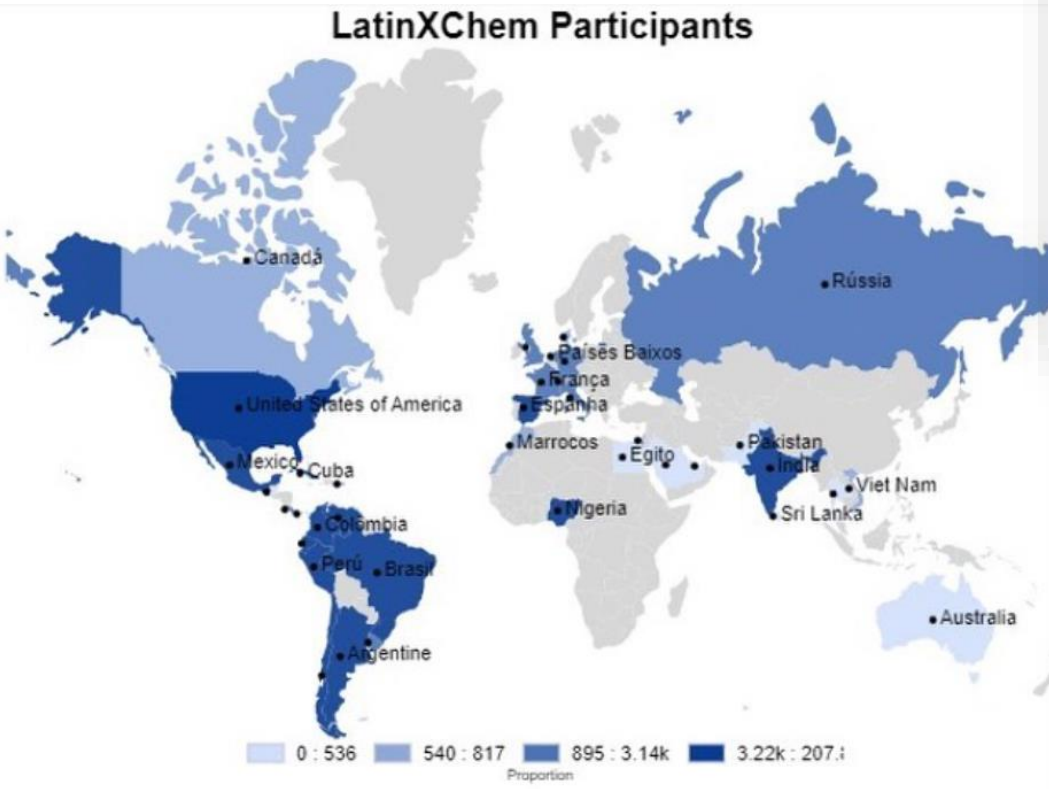
#LatinXChemAna
#LatinXChemBio
#LatinXChemComp
#LatinXChemEdu
#LatinXChemEng
#LatinXChemEnv
#LatinXChemInorg
#LatinXChemNanoMat
#LatinXChemOrg
#LatinXChemPhys

“For each category, the best works will be selected for an award. Our sponsors will deliver prizes (book vouchers) for 100-200 USD. The best poster overall for the event will be awarded a special prize (150 USD) and one prize for the most popular work (150 USD)”.

The European Journal of Inorganic Chemistry



An example of successful use...

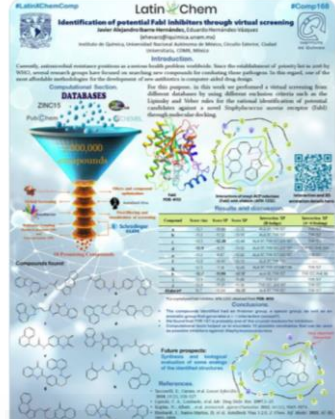


LatinXChem reposted

Javier Ibarra @JaviIKoriz · Oct 16

"Hi @LatinXChem, I present my work 'Identification of potential FAK inhibitors through virtual screening' at #LatinXChem23 #Comp002 #LatinXChemComp #Comp168 @digital_rsc @PCCP @LufaciDT

Any questions I remain at your service. #VirtualScreening

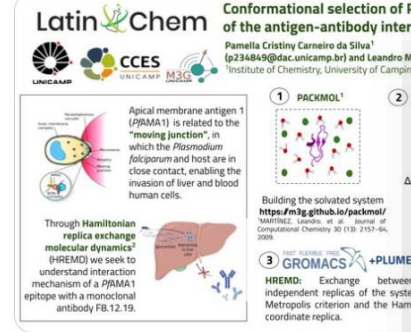


LatinXChem reposted

Pamella Carneiro @pamellachem · Oct 16

Hello @LatinXChem community! This is a short thread with my work in #Comp002 #LatinXChemComp #LatinXChem23 #compchem #MolecularDynamics #IDPs #malaria

@digital_rsc @PCCP @ChemRxiv @LufaciDT (1/4)

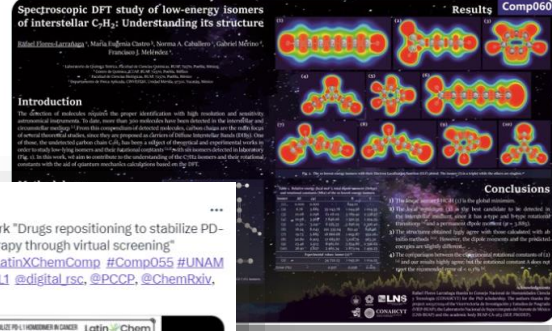


LatinXChem reposted

Rafael Flores @RafaelF27174766 · Oct 16

Hello @LatinXChem! I am pleased to share my poster named "Spectroscopic DFT study of low-energy isomers of interstellar C7H2: Understanding its structure".

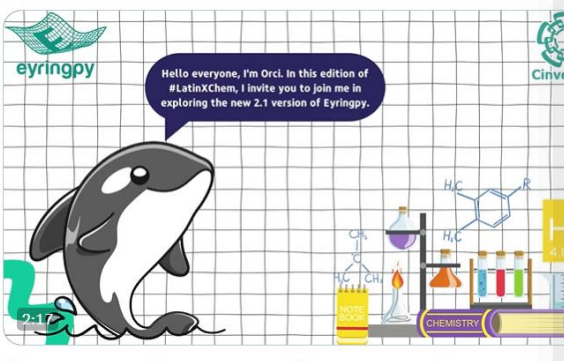
#LatinXChem23 #Comp060 #LatinXChemComp



LatinXChem reposted

Fernando Martinez-Villarino @fernandomv301 · Oct 16

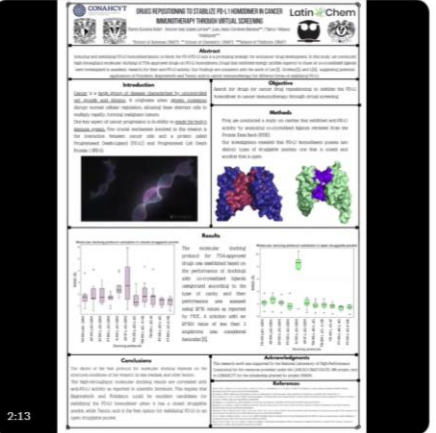
Hello everyone! I am Fernando, PhD student in Physical-Chemistry at @CINVESTAVMERIDA and part of @theochemmerida. I am very excited participate. This is my work "Calculation of Eyringpy rate constants from Orca electronic structure data". #LatinXChem23 #LatinXChemComp #Comp025



LatinXChem reposted

Karen Escutia @kar_esso · Oct 16

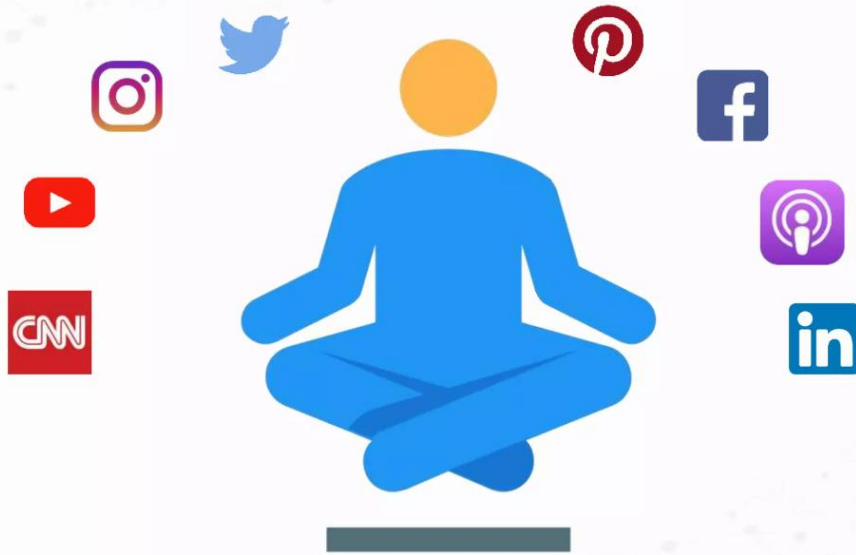
Hi @LatinXChem, presenting my work "Drugs repositioning to stabilize PD-L1 homodimer in cancer immunotherapy through virtual screening" at #LatinXChem23 #LatinXChem #LatinXChemComp #Comp055 #UNAM #Conahcyt #cancer #FacMed #PDL1 @digital_rsc @PCCP @ChemRxiv @LufaciDT



- #LatinXChemAna
- #LatinXChemBio
- #LatinXChemComp
- #LatinXChemEdu
- #LatinXChemEng
- #LatinXChemEnv
- #LatinXChemInorg
- #LatinXChemNanoMat
- #LatinXChemOrg
- #LatinXChemPhys

Social media for researchers

Are you looking for a Media Guru?



Users can create scientific profile that resembles their CV



Users can follow people and have followers



They offer metrics that have indicators to **measure research impact and visibility.**

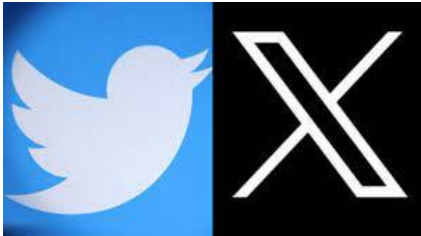


They offer space to advertise job offers

Social media most used by researchers



Academic Social Media



Job Opportunities

Social media most used by researchers

FEATURE NEWS

SCIENTISTS AND THE SOCIAL NETWORK

Giant academic social networks have taken off to a degree that no one expected even a few years ago. A *Nature* survey explores why.

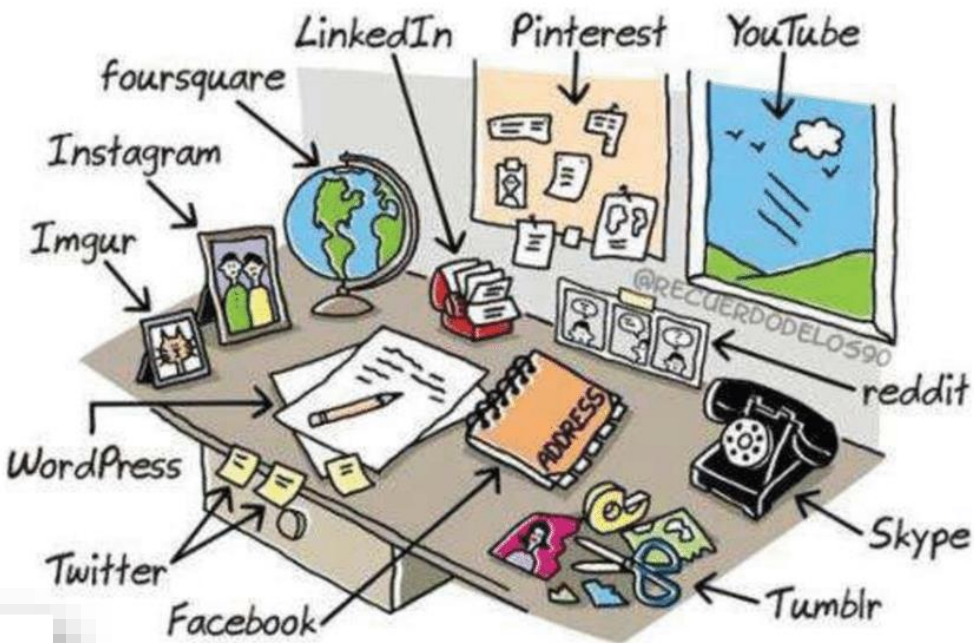
BY RICHARD VAN NOORDEN

126 | NATURE | VOL 512 | 14 AUGUST 2014

HOW TWITTER HAS CHANGED SCIENCE

The microblogging platform has transformed how researchers communicate. What happens if it disappears? By **Chris Stokel-Walker**

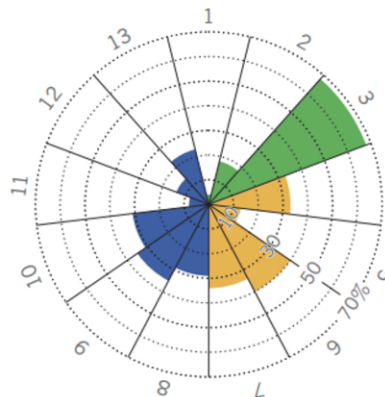
Nature | Vol 613 | 5 January 2023



Source-<http://www.blogtips.org/the-evolution-of-social-communications>

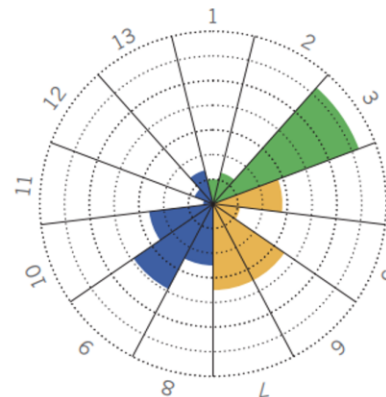
RESEARCHGATE

1,589 regular visitors



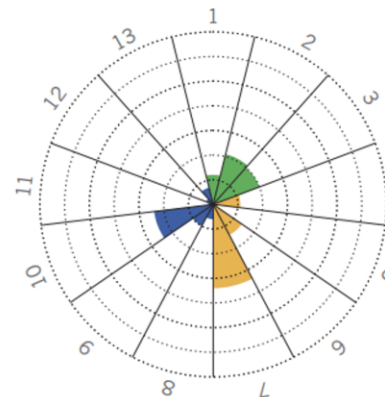
ACADEMIA.EDU

283 regular visitors



MENDELEY

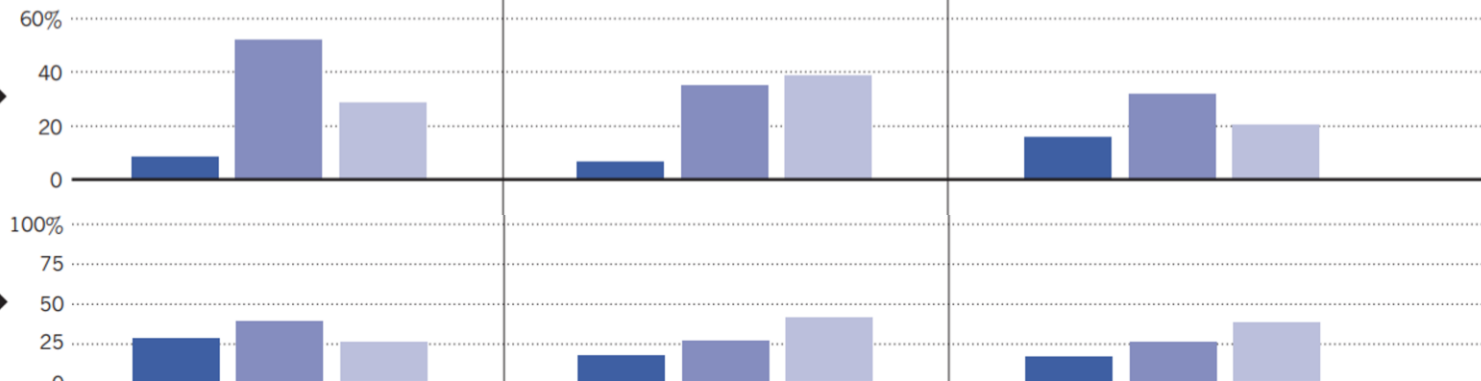
198 regular visitors



How do you use this site professionally?

Approximately how often do you visit this site in a professional capacity?

How long have you had a profile on this site?



"Mainly, a source of stress every time an e-mail pops in showing that my colleagues/competitors are publishing more than myself."
AGE 35-44, PROFESSOR, BRAZIL

"It is the only useful community website for research purposes."
AGE 55-64, PROFESSOR, HUNGARY

"Has led to invites to referee papers/external assessments."
AGE 45-54, POSTDOCTORAL FELLOW, UNITED KINGDOM

"I have been able to post old papers which otherwise would be inaccessible to people."
AGE 55-64, PROFESSOR, UNITED STATES

"Primarily still a reference manager for me. The social component is less important."
AGE 35-44, RESEARCH SCIENTIST, CANADA

"Fairly useful as a documents clearinghouse for lab group."
AGE 25-34, POSTDOCTORAL FELLOW, UNITED STATES

Each wedge in the circular charts corresponds to a question on the right. The answers are grouped by the intensity of user engagement they imply: low (green), medium (yellow) and high (blue).



1. Do not use professionally
2. Curiosity only; not maintaining profile
3. In case contacted



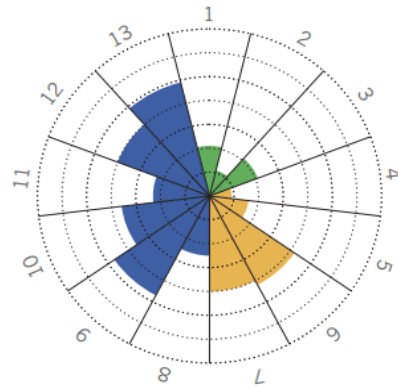
4. Track metrics
5. Discover jobs
6. Discover peers
7. Discover recommended papers



13. Follow discussions
12. Comment on research
11. Actively discuss research
10. Share links to authored content
9. Post (work) content
8. Contact peers

~~X~~ TWITTER

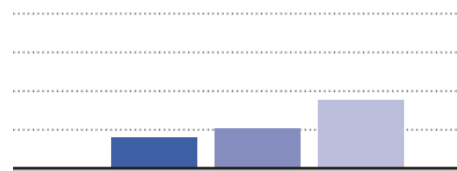
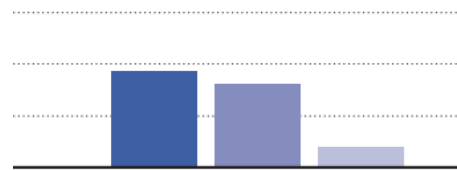
330 regular visitors



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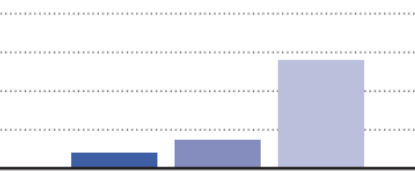
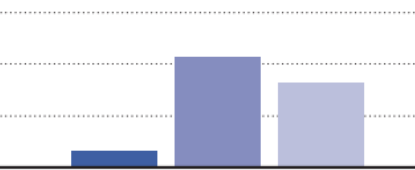
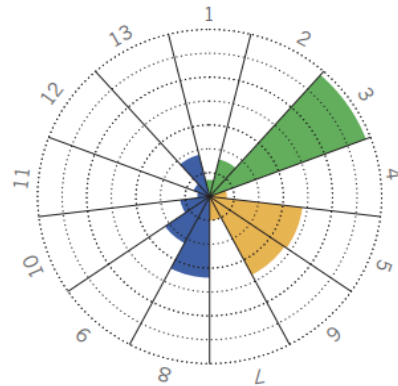


"Extremely useful in conference settings."
AGE 35-44, RESEARCH SCIENTIST,
UNITED STATES

"Great way to keep up-to-date on what is happening NOW in the research community."
AGE 45-54, HEAD OF ACADEMIC
DEPARTMENT, UNITED STATES

LINKEDIN

389 regular visitors

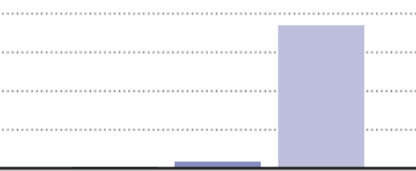
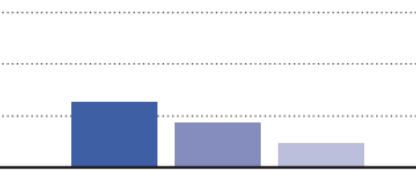
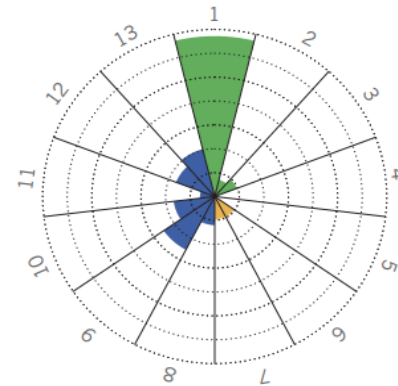


"Mainly useful for job hunting."
AGE 25-34, PHD STUDENT, UNITED STATES

"It is too much like Facebook — fluffy forwards and such that are not scientific or related to professionalism."
AGE 45-54, ASSOCIATE PROFESSOR,
UNITED STATES

FACEBOOK

340 regular visitors



"Facebook has zero credibility in my professional life."
AGE 35-44, STAFF SCIENTIST,
UNITED STATES

"The (invitation-only) groups for professional astronomers and pulsar astronomers have become vibrant discussion fora."
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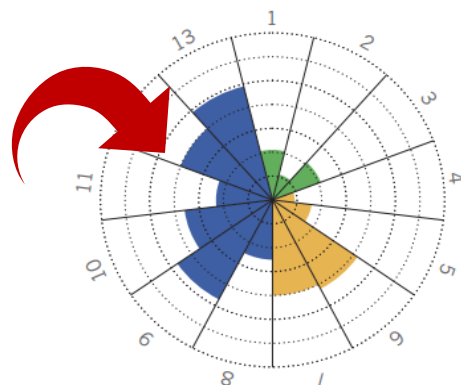
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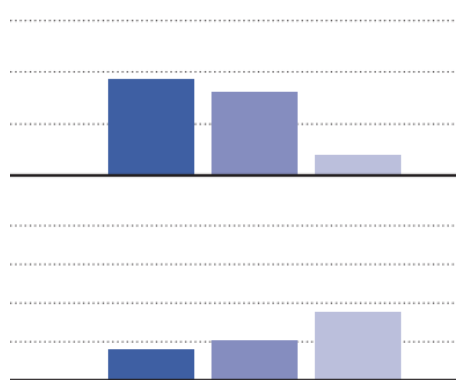
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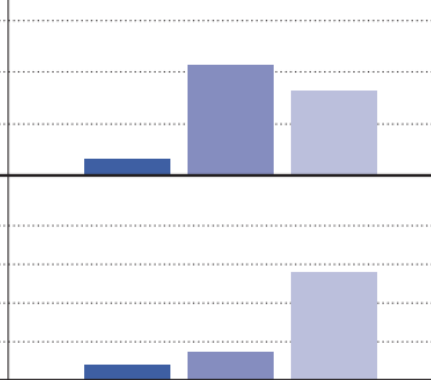
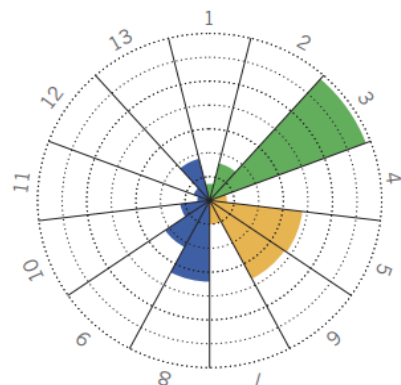


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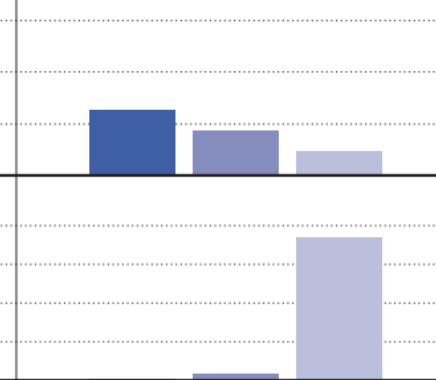
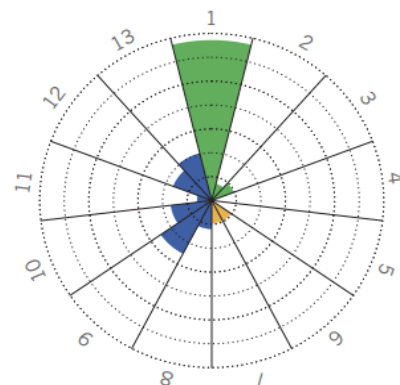


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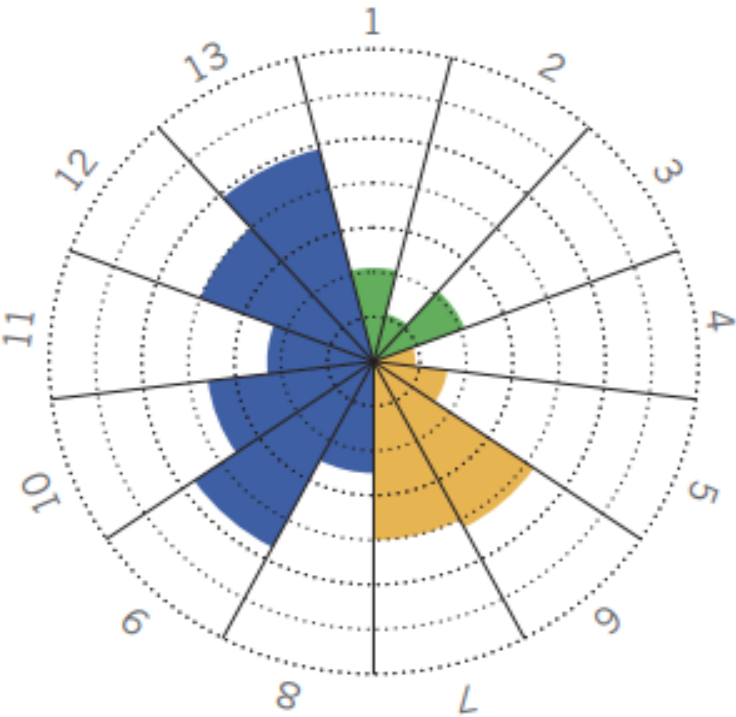


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Social media most used by researchers



330 regular visitors



How do you use this site professionally?



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SHOW ME ALL YOUR DATA.

PHD Comics ✓
@PHDcomics

Life (or the lack thereof) in Academia. Comic strip by Jorge Cham.
[Instagram.com/phd_comics](https://www.instagram.com/phd_comics)

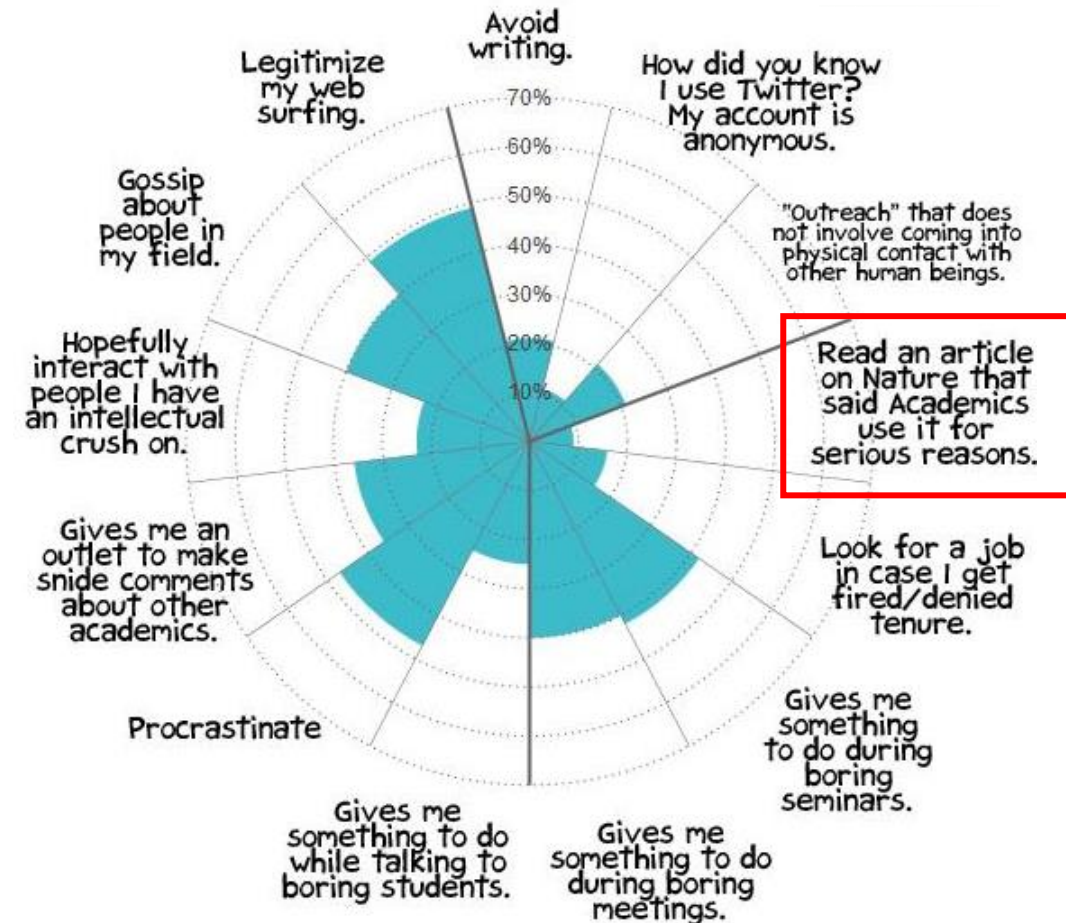
[phdcomics.com](https://www.phdcomics.com) Joined July 2008

74 Following 341.9K Followers

Jorge Cham @phdcomics · Aug 21
FIXED: Why academics REALLY use Twitter. @AcademicsSay @Richvn
[@nature nature.com/news/online-co...](https://www.nature.com/news/online-co...) pic.twitter.com/SzRcbaUL0t

1.6K 731

Why Academics ~~REALLY~~ Use Twitter



www.phdcomics.com

Original graph from: [nature.com/news/online-collaboration-scientists-and-the-social-network-1.15711](https://www.nature.com/news/online-collaboration-scientists-and-the-social-network-1.15711)



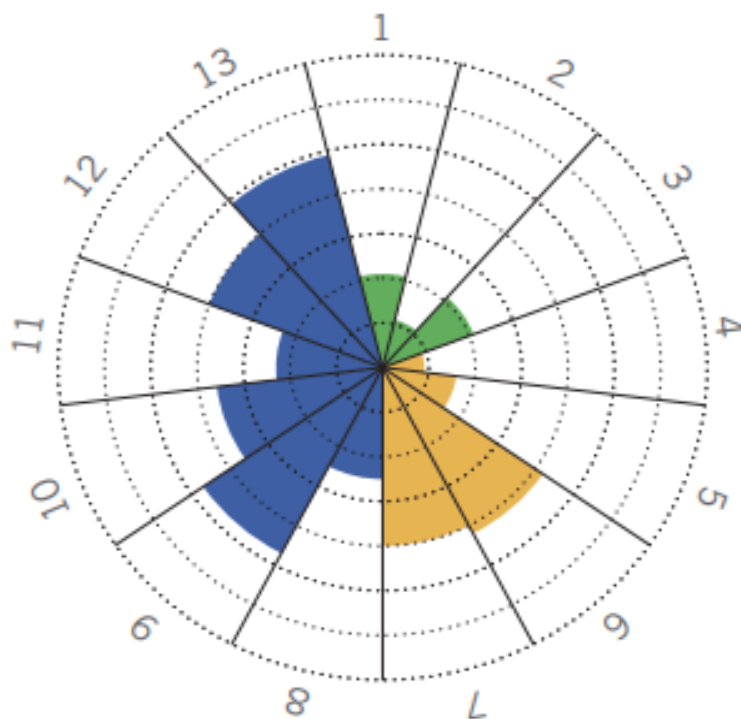
**TWITTER WAS A
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SCIENCE."**

(<https://t4scientists.com>). "Twitter provides a fantastic way to actually get your work out there."

*How do you
use this site
professionally?*



330 regular visitors



Twitter & Academia

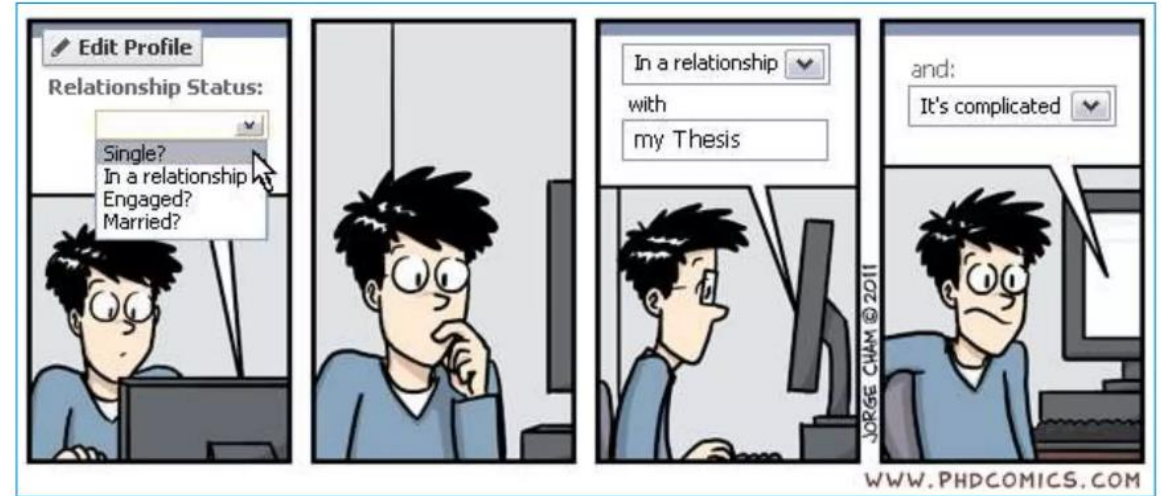
1. Approximately 2,000 journal articles and 3,000 conference papers have been written about Twitter (Fry, 2014).
2. Nearly 90% of academics on Twitter use it for their work (Lupton, 2014).
3. Academic tweets are approximately 9 times more likely to be retweeted than other tweets (Holmberg and Thewall, 2014).
4. In 2012, only one in 40 scholars was active on Twitter (Priem et. al 2012).
5. There are no significant differences in how much time is spent on Twitter by amongst academics from different age groups (Holmberg and Thewall, 2014).
6. The largest proportion of academics on Twitter are early career academics (Lupton, 2014).

Gross (2014).

Starting to use a social media (focus on X)



- ✓ For whom are you writing?
- ✓ Why are you writing?
- ✓ How do you want to present yourself?
- ✓ What do you not want to show about yourself online?
(e.g. restrictions on who can access your pages)



<https://twitter.com/home>



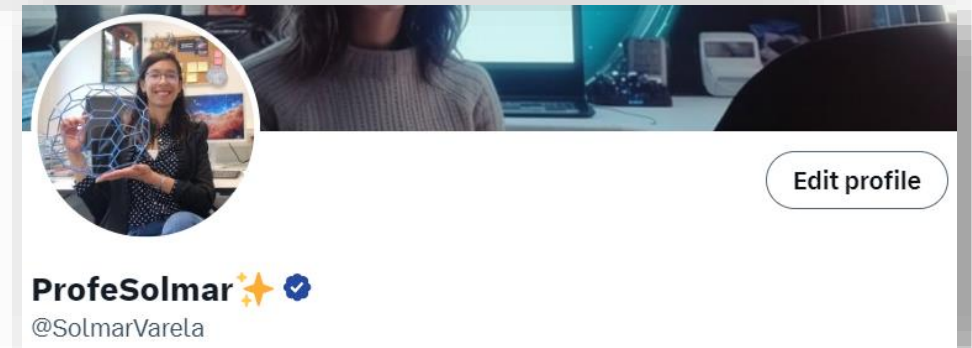
Haynes (2012)

Tips & Tricks

1

Choose the right username.

Hopefully, your academic name will be available but if not, you'll want to come up with something that will still make sense to your followers.



Courtesy of [Venngage](#).

Tips & Tricks

Create a bio
that captures
your business.



If you had just a few seconds, or in this case 160 characters, to explain your business to a complete stranger, what would you say? That will be your bio

Giovanni Cuniberti


@G_Cuniberti Follows you

Nanotechnology Professor at the TU Dresden. Courtesy appointments at POSTECH, the University of Alabama and SJTU. Also known w/ his given name Gianaurelio.

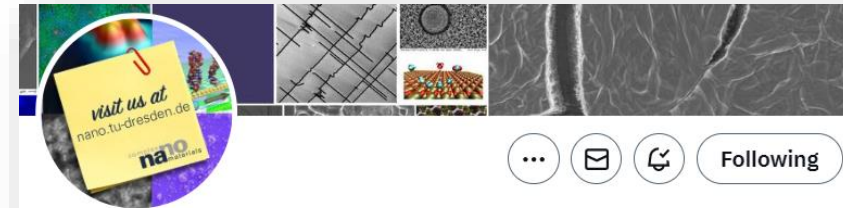
 Dresden, Germany  nano.tu-dresden.de/gc/  Born April 28
 Joined May 2014

ProfeSolmar

@SolmarVarela


Theoretical Physicist, Dr.  [#UCV](#) - Hago divulgación científica- Somos polvo de estrellas     Eleonore Trefftz [@tudresden_de](#) [@CienciaScenio](#)

 Science & Technology  scholar.google.es/citations?user...
 Born September 21, 1987  Joined June 2010



NanoMat Chair at TUD


@nanoDresden Follows you

 Complex [#NANO](#) Materials: The Chair of Materials Science and Nanotechnology at [@TUDresden_de](#) headed by prof. G. Cuniberti [@G_Cuniberti](#)

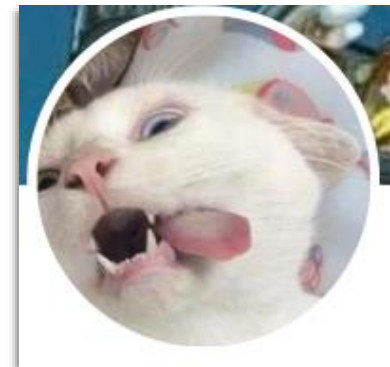
 Dresden, Germany  nano-TUD.de  Born April 28  Joined April 2015

Courtesy of [Venngage](#).

Tips & Tricks

 Upload an image that makes you stand out.

The perfect profile image will be one that your customers already associate with your work, like a logo. For personal accounts, you'll want to use a close-up headshot.



—LAWR
bestselling
A Universe
Climate Ci

Courtesy of [Venngage](#).

Tips & Tricks

Introduce yourself
by sending your
first tweet.

4

Find the right
people to follow.

5

Tell your network
you're on Twitter.

6

Get the tools
you need.

7

Make a good post

- Post or article?
- Be short and to the point: maximum 3 sentences
- Share a link to the website or a photo
- Do not use CAPS LOCK and avoid excessive use of punctuation marks
- Finish with a call-to-action
- Post mainly du



ProfeSolmar ✨
@SolmarVarela

Promote ...

Hello, X (ex-twitter 😊)

Hoy me toca seminario en mi instituto, [@nanoDresden](#) . Hablaré sobre ustedes, así que pórtense bien 🙌

Translated from Spanish by Google

Hello, X (ex-twitter 😊)

Today I have a seminar at my institute, [@nanoDresden](#) . I will talk about you, so behave yourselves 🙌

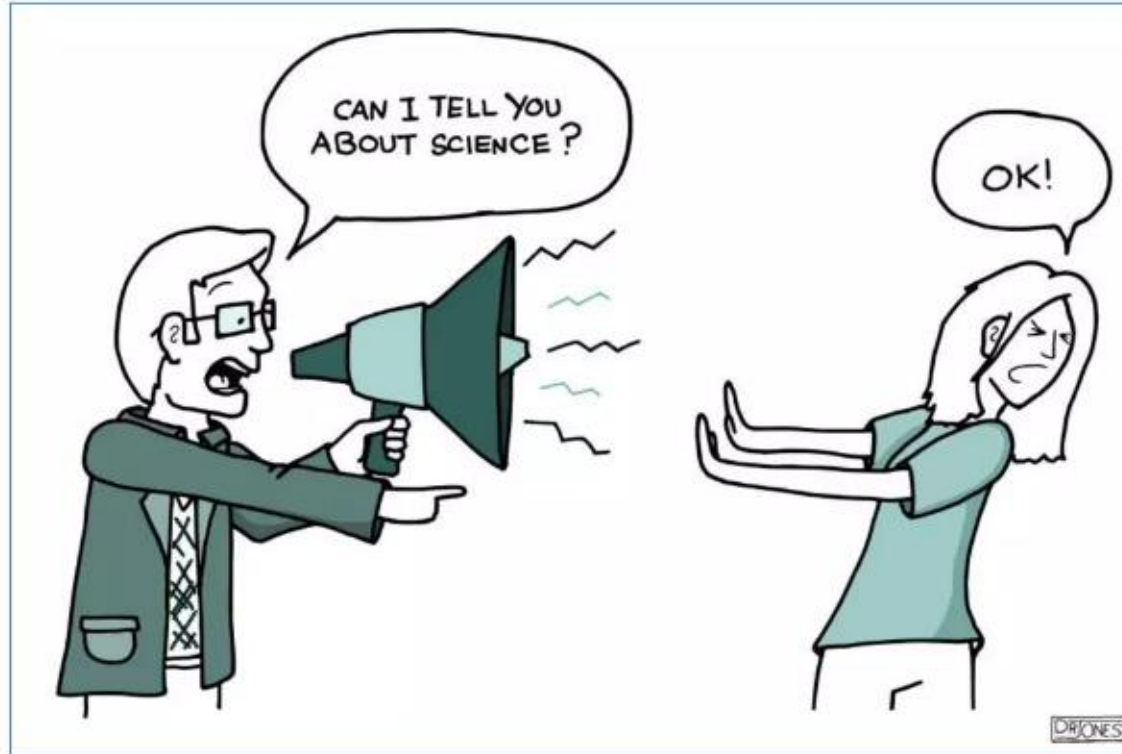


11:03 AM · Oct 26, 2023 · 105 Views

Courtesy of [Venngage](#).

Tips & Tricks

How to share your knowledge succesfully with a wider public



Tips & Tricks

✓ **Announce your published work along with a link to your article**


Tag co-authors, your publisher, funder and institution, and anyone else you think might be interested in your paper.

✓ **Ensure your post describes the article or topic accurately**

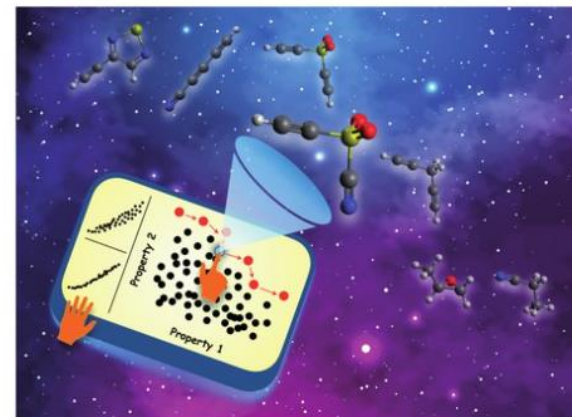
Teach them something useful in an enjoyable way.



Leonardo Medrano Sandonas @Lmedranos88 · 8h

 A bit late but this is our recent [#ChemSciCovers](#) related to our work "Freedom of design in chemical compound space" which was published few weeks ago. You can read the full paper on pubs.rsc.org/en/content/art...

[@ChemicalScience](#) [@TCPUniLu](#)



Showcasing research from Professor Alexandre Tkatchenko's group, Department of Physics and Materials Science, University of Luxembourg, Luxembourg City, Luxembourg.

"Freedom of design" in chemical compound space: towards rational in silico design of molecules with targeted quantum-mechanical properties

This work demonstrates that "freedom of design" is a fundamental and emergent property of chemical compound space - the unfathomably vast space populated by all possible atomic compositions and their geometries. Such intrinsic flexibility enables rational design of distinct molecules sharing an array of targeted quantum-mechanical properties. The combination of the insights gained from this work with advanced machine learning approaches could aid in the development of effective strategies for high-throughput screening of novel molecules tailored to a specific application. Galaxy background image by pikisuperstar via Freepik.

As featured in:



See Leonardo Medrano Sandonas, Robert A. DiStasio, Jr., Alexandre Tkatchenko et al., Chem. Sci., 2023, 14, 10702.



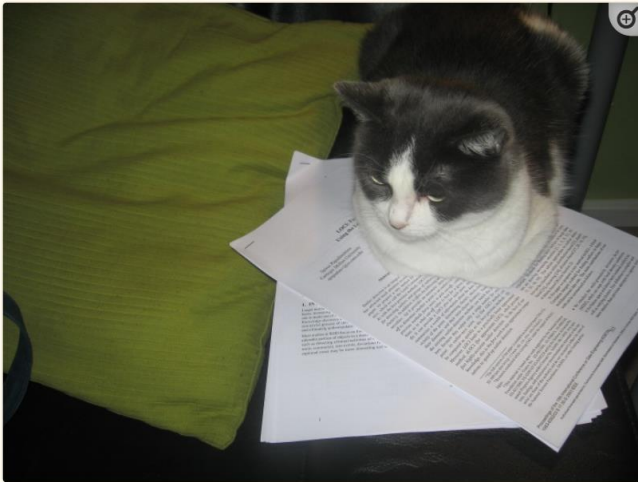
rsc.li/chemical-science

Registered charity number: 207890

Tips & Tricks

Include hashtags

This will make your tweet part of a bigger conversation, meaning you might reach an even wider audience for your research. If you are attending a conference, use the conference hashtag to discuss ideas.



Picture that someone post on X to convey they are reading papers AND like cats.

Possible relevant hashtags: **#Caturday**
#ECRchat
#AcademicsWithCats





Tips & Tricks

Consider including a relevant and engaging image, gif or video



This will help engage with your article. Make sure the image is copyright free before using or make sure you give credit to the artist.

Engage in X conversations

Retweet what you find interesting. You can also direct-message people, thank people if they retweet you, ask questions, or set up polls.



 **Ella Marushchenko**  @Ella_Maru · Oct 24
New cover from Ella Maru Studio!!
Targeting scar-like tissue in pancreatic cancer
An orally bioavailable pan-lysyl oxidase inhibitor decreases chemotherapy-induced pancreatic tumor desmoplasia and stiffness, thereby enhancing tumor perfusion and therapy efficacy and reducing...
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 **NanoMat Chair at TUD** @nanoDresden · Jun 30
#LNdWDD @LangeNacht_DD 



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 **Ella Marushchenko**  @Ella_Maru · Sep 5

New cover from our studio!!   
Importins transport histones H2A-H2B from the cytoplasm to the nucleus, where they wrap genomic DNA into a nucleosome. Importins bind H2A-H2B cargo and carry it through the nuclear pore in the nuclear membrane. Ran GTPase alters the interactions...
[Show more](#)



Tips & Tricks

Engage in Twitter conversations

Retweet what you find interesting. You can also direct-message people, thank people if they retweet you, ask questions, or set up polls.

A note on controversial topics

Be careful when tweeting about controversial topics such as genetically modified food or climate change. We understand that such topics may be a part of your research, and you can't avoid tweeting about them. However, try to be extra careful when selecting the language you use to try and avoid aggressive comments. Also, remember to be a responsible voice when engaging in important debates.

Now you should feel fully prepared to compose a thread of tweets about your next publication. We want to hear about your experience with Twitter. Do you have any useful tips on how to promote your research on Twitter? Please share those with us on tipbox@abcam.com, and we will include the best tips in our next article.



Be careful with fake news



Promote



Una pregunta para los científicos/académicos que usan esta red social 🤔 ¿Consideran que X (ex-twitter) los ha ayudado a ganar visibilidad, generar colaboraciones, difundir y aumentar el impacto de su trabajo/investigación?

[Translated from Spanish by Google](#)

A question for scientists/academics who use this social network 🤔 Do you consider that X (ex-twitter) has helped you gain visibility, generate collaborations, disseminate and increase the impact of your work/research?

Sí 😊

35.8%

No 🙄

17.6%

No la uso para eso

33.6%

No sé 😐

13%

307 votes · 2 hours left

2:06 PM · Oct 25, 2023 · 6,591 Views

Tips & Tricks



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@SolmarVarela

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Una pregunta para los científicos/académicos que usan esta red social 🤔 ¿Consideran que X (ex-twitter) los ha ayudado a ganar visibilidad, generar colaboraciones, difundir y aumentar el impacto de su trabajo/investigación?


[Translated from Spanish by Google](#)

A question for scientists/academics who use this social network 🤔 Do you consider that X (ex-twitter) has helped you gain visibility, generate collaborations, disseminate and increase the impact of your work/research?



307 votes · 2 hours left

2:06 PM · Oct 25, 2023 · 6,591 Views



R Giovanni Diaz-Zavala
@DrGiovanniD

Gracias a Twitter conozco muchos académicos más de cerca. Actualmente hay 2 investigadores que conocí en X que colaboramos en proyectos de investigación. También he logrado visibilizar más nuestro trabajo gracias a X. Saludos!

[Translated from Spanish by Google](#)

Thanks to Twitter I get to know many academics more closely. Currently there are 2 researchers that I met at X that we collaborate on research projects. I have also managed to make our work more visible thanks to X. Greetings!

4:39 PM · Oct 25, 2023 · 151 Views



Víctor Toscano ✓
@Vic_Tos19

Me ayudó a conocer el posgrado al que entré, colaborar en un artículo, participar como ponente en algunos cursos y poder darle difusión a una guía que hice y finalmente a conocer excelentes personas.

Gran herramienta

[Translated from Spanish by Google](#)

It helped me learn about the postgraduate program I entered, collaborate on an article, participate as a speaker in some courses and be able to disseminate a guide I made and finally meet excellent people.

Great tool

3:42 PM · Oct 25, 2023 · 71 Views



R Giovanni Diaz-Zavala
@DrGiovanniD Follows you

Nutrition Scientist (BNSc, MSc, PhD) SNI 1. 🇮🇹 Professor/ Researcher. Obesity. Diabetes. Nutrition. Clinical Trials. Opinions on my own.

📍 UNISON, Son, México 🌐 [Investigadores.unison.mx/en/persons/rol...](#)
📅 Born February 13 📅 Joined August 2019

2,720 Following 14.2K Followers



Víctor Toscano ✓
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Diagnóstico Intervención Seguimiento

Clinical Nutrition | We should think about how to nurture who we are beyond what we do | Nutritional care is a human right

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📅 Born August 19 📅 Joined May 2015

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Twitteando or X-ando? A very fast test...

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@SolmarVarela

Aquí también se hace investigación 🧐

Mi perfil en Researchgate ➡
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Research is also done here 🧐

My profile on Researchgate ➡

 researchgate.net
Solmar Varela
My work is focused in the analytical study of electron and spin transport in organic molecules (Molecular Spintronics).


1:37 PM · Oct 25, 2023 · 2,037 Views

View post engagements

4 8 70 2

ProfeSolmar ✨🔗
@SolmarVarela

El artículo de mi tesis de doctorado es mi publicación más citada 🥰
Aunque otras se están acercando 🧐
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Apr 2016 · Physical review. B, Condensed matter
DOI: 10.1103/PhysRevB.93.155436

Solmar Varela · Vladimiro Mujica
Ernesto Medina Dagger

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@tudresden_de

Technische Universität Dresden
Impressum: tud.de/impressum

Education Dresden tu-dresden.de Joined May 2010

274 Following 19.3K Followers




NanoMat Chair at TUD
@nanoDresden Follows you

Complex #NANO Materials: The Chair of Materials Science and Nanotechnology at @TUDresden_de headed by prof. G. Cuniberti @G_Cuniberti

Dresden, Germany [nano-TUD.de](https://nano-tu-dresden.de) Born April 28 Joined April 2015

470 Following 655 Followers



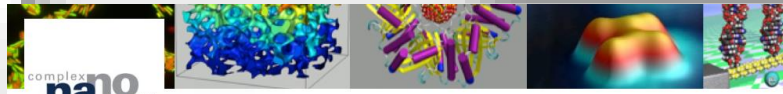
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DRESDEN-concept is the research alliance of TU Dresden with Dresden's non-university research and cultural institutions.
dresden-concept.de/impressum/

Dresden, Sachsen dresden-concept.de Joined August 2016

319 Following 1.953 Followers



Chair of Materials Science and Nanotechnology, Dresden

Research Services · Dresden, Saxony · 759 followers · 11-50 employees

Gianaurelio (Giovanni) & 23 other connections follow this page

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Giovanni Cuniberti
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Nanotechnology Professor at the TU Dresden. Courtesy appointments at POSTECH, the University of Alabama and SJTU. Also known w/ his given name Gianaurelio.

Dresden, Germany nano.tu-dresden.de/gc/ Born April 28 Joined May 2014

1.946 Following 1.284 Followers



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Joined April 2015

273 Following 243 Followers



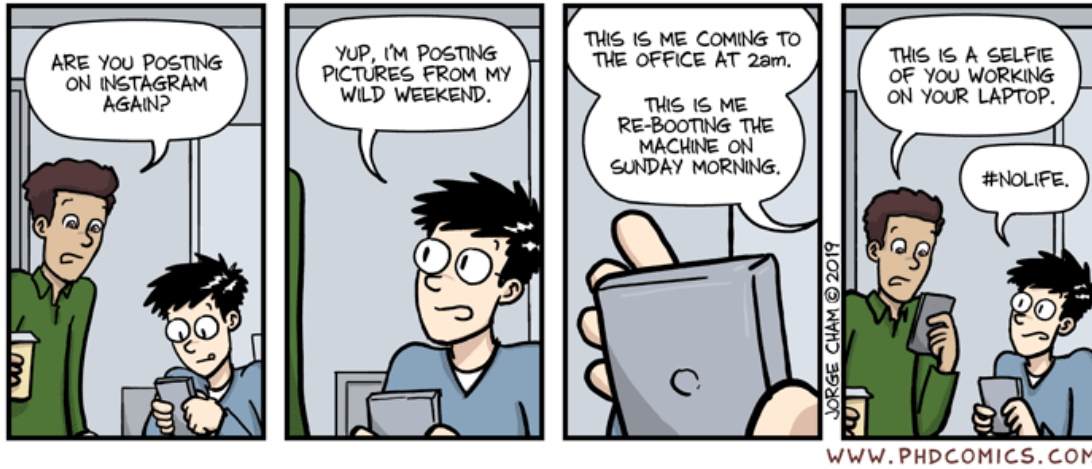
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The #eicPathfinder project aims at the smart electronic recognition and transmission of body odors, paving the path for a new era of digitizing olfaction.

Science & Technology Joined December 2021

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Thank you



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